

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02174

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/38 H04B1/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 079 533 A (ERICSSON TELEFON AB L M) 28 February 2001 (2001-02-28) paragraph [0065] paragraph [0095] - paragraph [0097] abstract; claim 14; figure 13 ---	1-16
A	ZHIZHANG CHEN ET AL: "A dual-L antenna with a novel tuning technique for dual frequency applications" IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, MARCH 2002, IEEE, USA, vol. 50, no. 3, pages 402-403, XP002260567 ISSN: 0018-926X Sections I & IV abstract --- -/--	1-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

6 November 2003

Date of mailing of the international search report

01.12.2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 253 720 A (NOKIA CORP) 30 October 2002 (2002-10-30) abstract -----	1-16
A	EP 0 336 418 A (TRIMBLE NAVIGATION LTD) 11 October 1989 (1989-10-11) column 1, line 31 -column 4, line 17 -----	1-16
E	US 2003/114188 A1 (ROUSU SEPP0) 19 June 2003 (2003-06-19) paragraph [0022] - paragraph [0024] abstract -----	1,2,9,10

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			AU 6998900 A	19-03-2001
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